



深圳市安特通讯科技有限公司

ANT Communication Technology (Shenzhen) Co., LTD.
address : 701, Building A, No. 10, Jiangfu Road, Xinzhuang Community,
Matian Street, Guangming District, Shenzhen

HUACHUANG TECHNOLOGY LTD

Antenna Test Report

M/N:M6

Tester : Hu Lin
Date : 2025 / 2 / 10



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1. Device Profile

2. BT Test

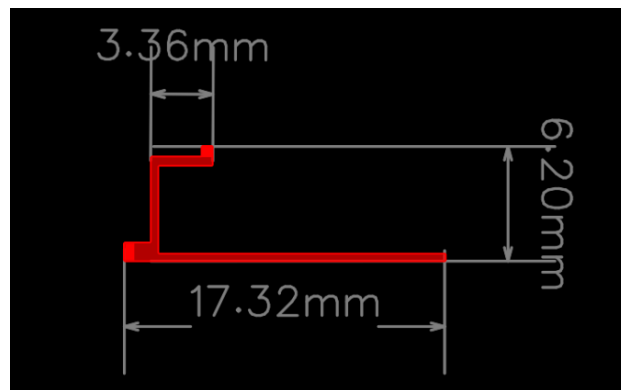


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1. Device Profile

BT Antenna



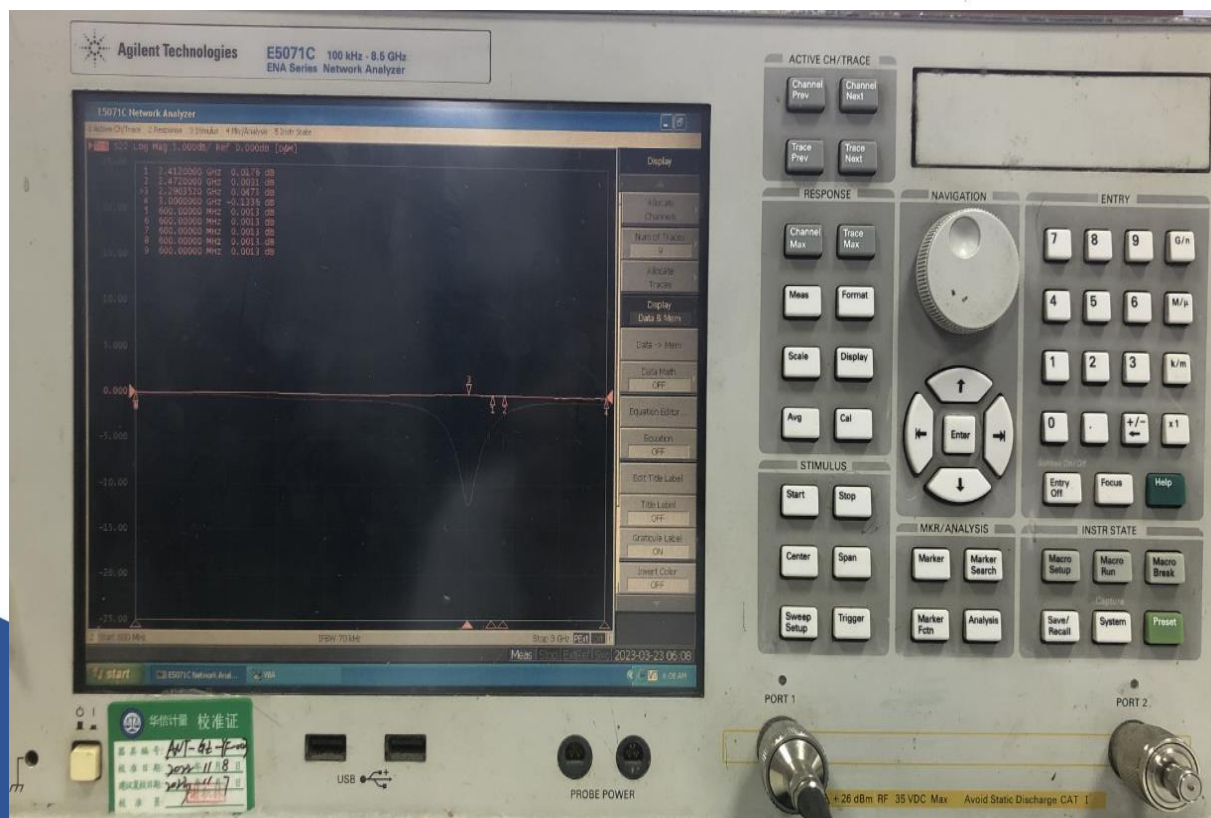


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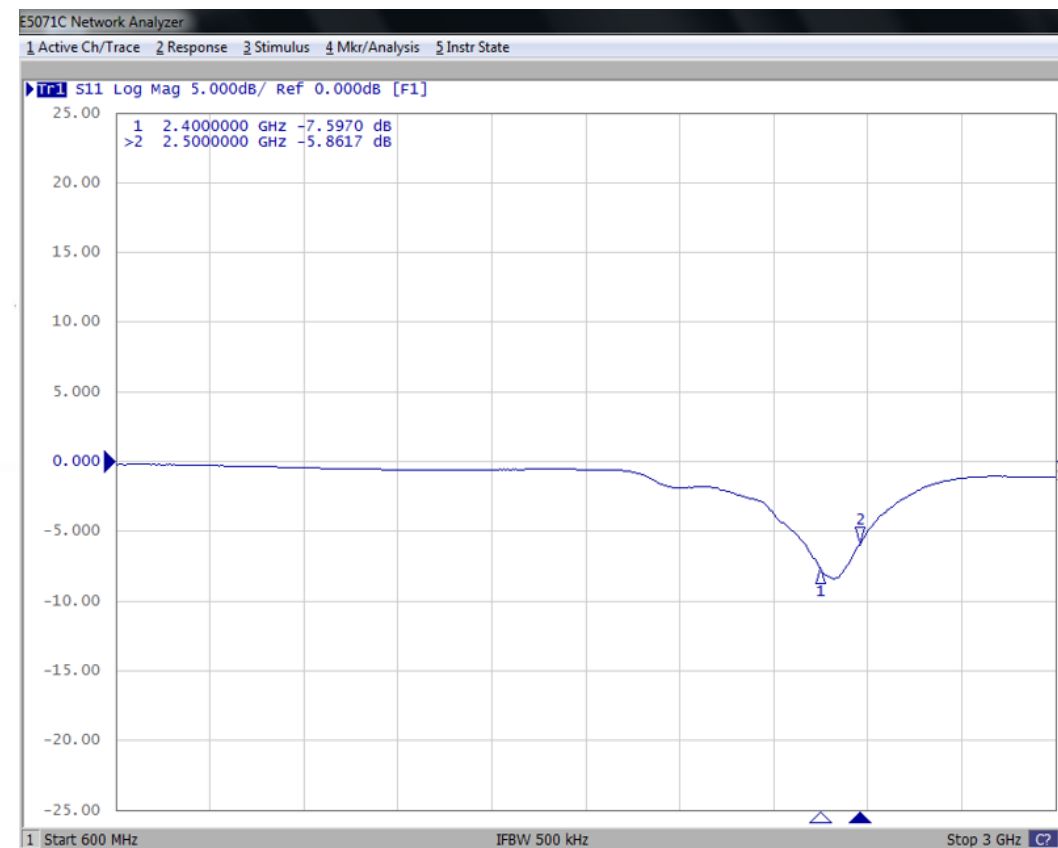
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2. BT Test

Agilent E5071C



S-Parameter Test

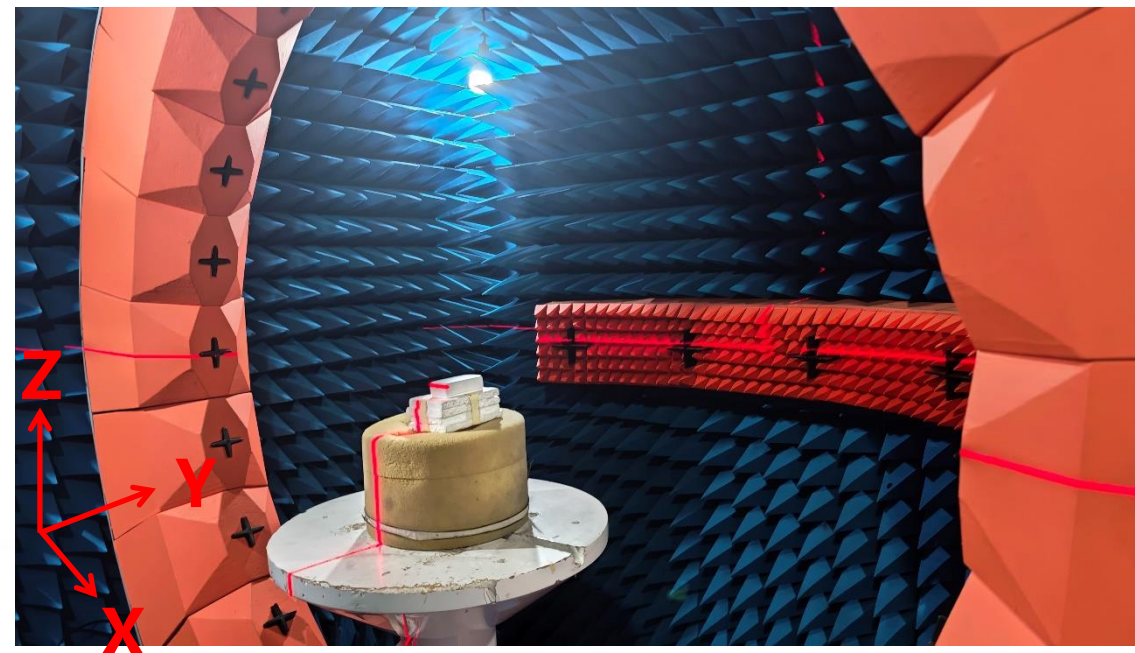
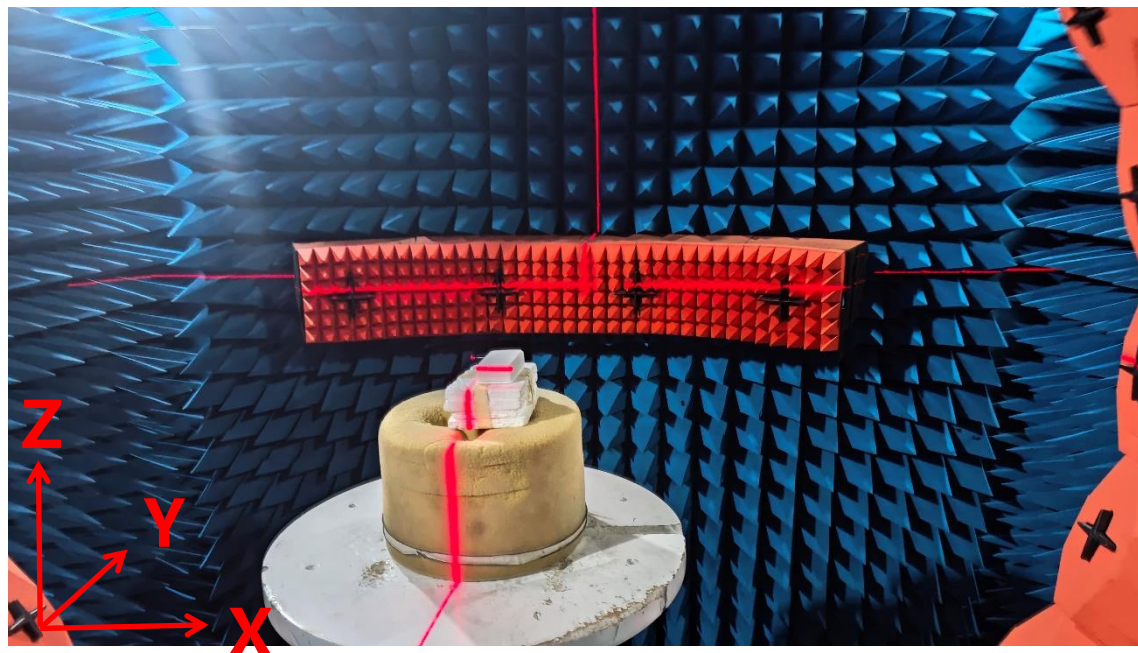




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Antenna Passive Test





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Passive Test			
Frequency/Mhz	Efficiency/dB	Efficiency/%	MaxGain/dBi
2400	-2.51	56.1	2.2
2410	-2.98	50.35	1.8
2420	-2.53	55.85	1.89
2430	-2.66	54.2	2.21
2440	-3.03	49.77	1.24
2450	-2.65	54.33	2.67
2460	-3.23	47.53	1.15
2470	-2.69	53.83	2.06
2480	-3.7	42.66	0.9
2490	-2.98	50.35	2.86
2500	-3.69	42.76	1.27

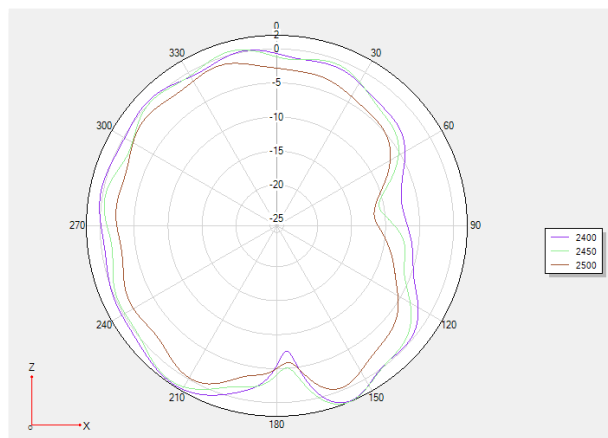


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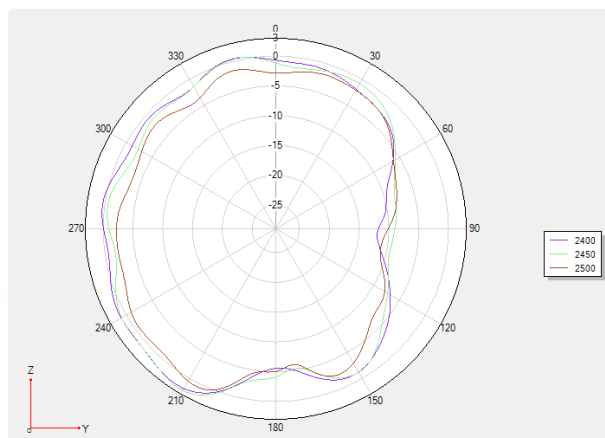
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2D-Etotal (2400/2450/2500Mhz)

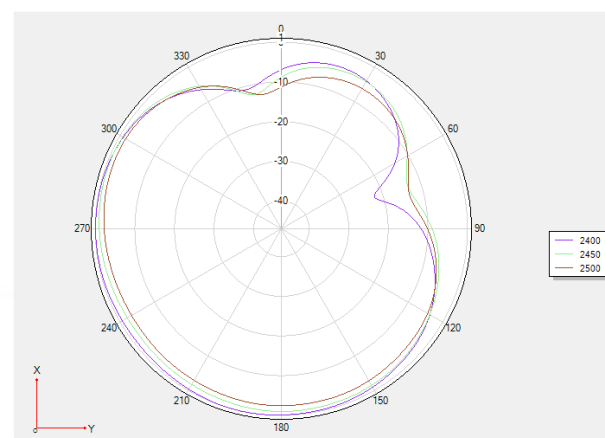
Phi 0 2D



Phi 90 2D



Theta 90 2D

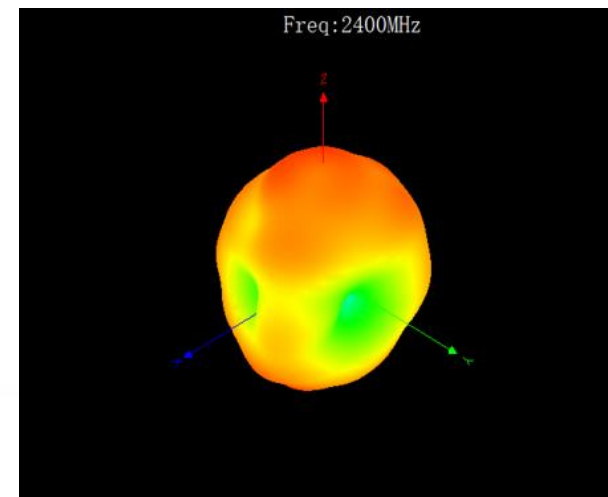
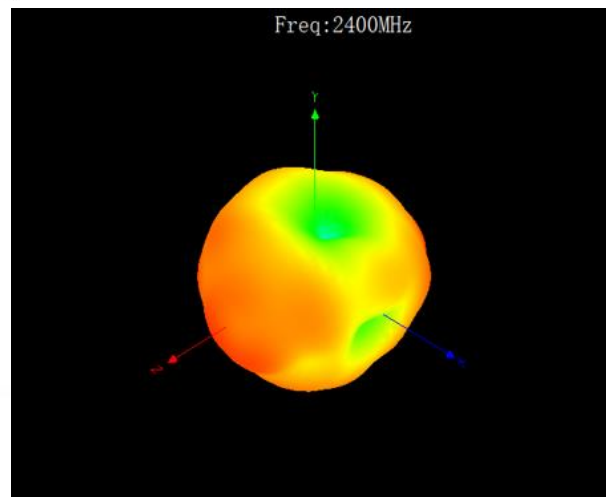
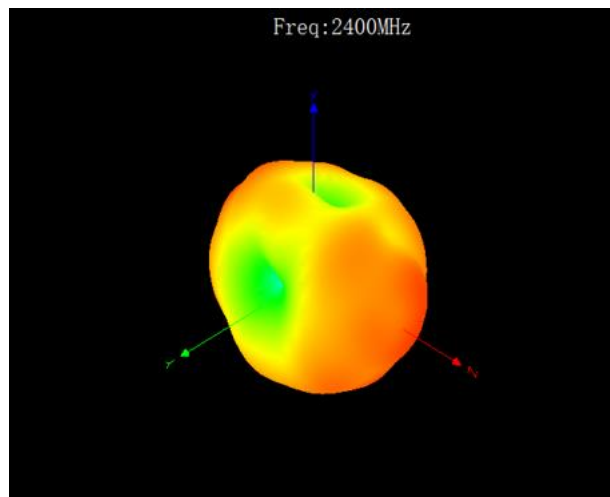




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3D-Etotal (2400Mhz)

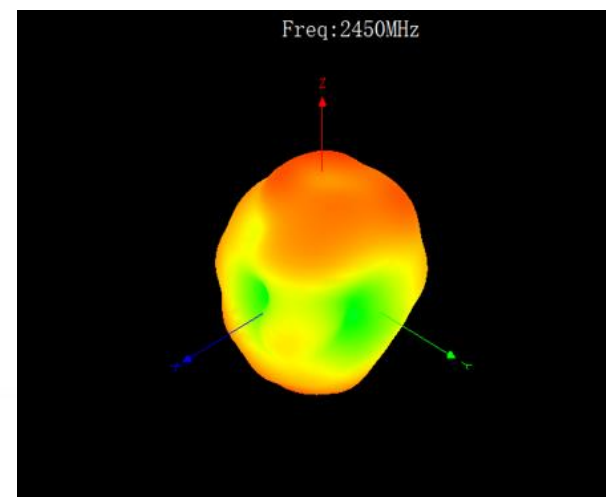
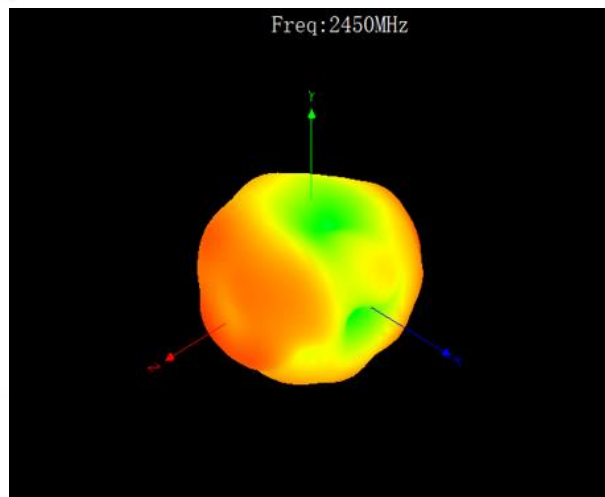
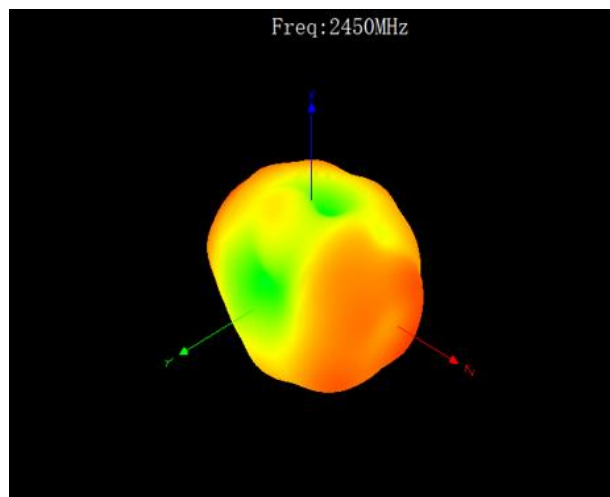




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3D-Etotal (2450Mhz)

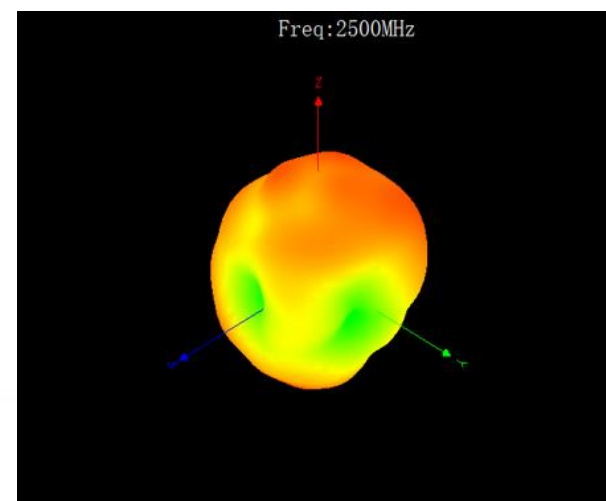
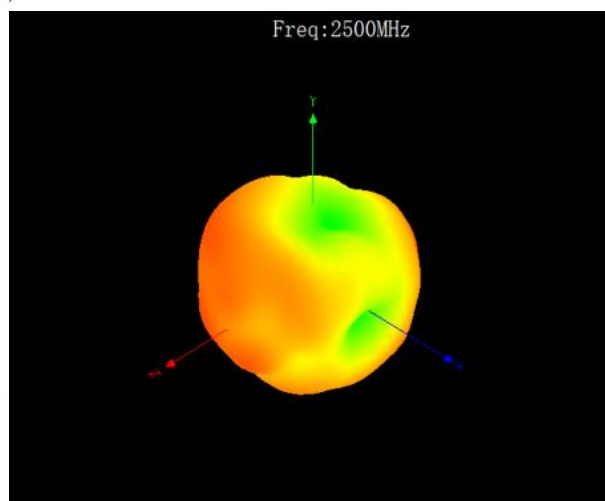
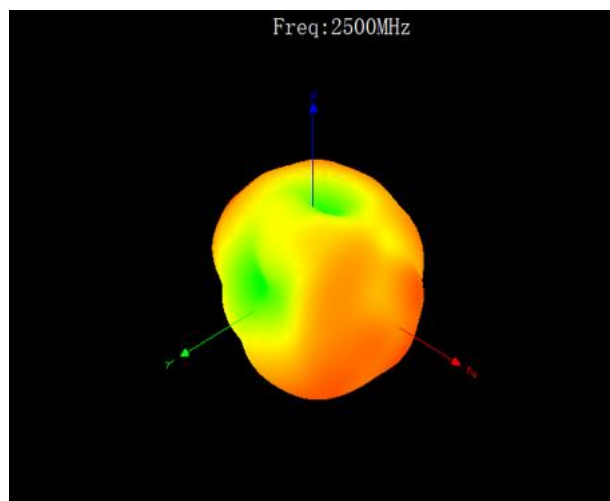




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3D-Etotal (2500Mhz)





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THANK YOU!